

**ABSTRACT**

A security and surveillance system for aircraft on the ground incorporates a plurality of strategically spaced sensors including video imaging generators, audio sensors, motion detectors, and fire and smoke detectors for monitoring critical components and critical areas of both the interior and the exterior of the a commercial transport such as an aircraft. The system is a comprehensive multi-media safety, tracking and/or surveillance system, which provides both visual and/or audio information as well as critical data such as location, direction, intrusion, fire and/or smoke detection and/or status of environmental conditions and/or asset systems status. The collected information is analyzed and prioritized according to type of event, location and nature of required response for automatically dispatching the proper response. The captured data and images are transmitted to a ground based security station for display on a monitor and may be recorded on a "black box" recorder as well as on a ground based recording system.